INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/004150

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ G01N27/28, G01N27/327, G01N21/78, G01N21/77

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G01N27/26-27/49, G01N21/78, G01N21/77, B65D83/02-83/04

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004 Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	JP 2000-314711 A (Gunze Ltd.), 14 November, 2000 (14.11.00), Claim 6; Fig. 1 (Family: none)	1,3,4,9
х	JP 6-222035 A (Japan Vilene Co., Ltd.), 12 August, 1994 (12.08.94), Par. No. [0017]; Fig. 4 (Family: none)	1,4,9
х	JP 2003-42994 A (Matsushita Electric Industrial Co., Ltd.), 13 February, 2003 (13.02.03), Claim 15; Par. No. [0083]; Fig. 14 (Family: none)	1

×	Further documents are listed in the continuation of Box C.		See patent family annex.	
*	Special categories of cited documents:	"T"	later degree out that I also also also also also also also also	
"A"	document defining the general state of the art which is not considered to be of particular relevance	•	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
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		"&"	document member of the same patent family	
Date	of the actual completion of the international search	Date	of mailing of the interestinal and	
30 July, 2004 (30.07.04)		Date of mailing of the international search report		
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/004150

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C (Continuation	i). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	JP 2003-215086 A (Matsushita Electric Industrial Co., Ltd.), 30 July, 2003 (30.07.03), Claim 39; Par. No. [0109]; Figs. 1, 9 (Family: none)	1,2,3,4,5, 7,9
Y	JP 2001-141686 A (Matsushita Electric Industrial Co., Ltd.), 10 October, 2001 (10.10.01), Figs. 1, 3; Claims; Par. No. [0018] (Family: none)	1-9
Y	JP 47-32548 Y1 (Mitsubishi Metal Mining Co., Ltd.), 30 September, 1972 (30.09.72), Column 2, lines 20 to 24; Figs. 1, 2 (Family: none)	1,3,9
Y	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 19772/1980(Laid-open No. 123118/1981) (Tomonobu FUKUDA), 19 September, 1981 (19.09.81), Page 4, lines 13 to 15; Fig. 7 (Family: none)	
Y	JP 9-222410 A (Asulab S.A), 26 August, 1997 (26.08.97), Claims; Par. No. [0013] & AU 1018697 A & DE 69700169 C & FR 2744219 A1 & CA 2196391 A & EP 787984 A1 & AU 7079747 B	4-7
Y	JP 9-184837 A (Kyoto Daiichi Kagaku Co., Ltd.), 15 July, 1997 (15.07.97), Full text; Figs. 1 to 5 (Family: none)	8